

# Checklist of the families Opetiidae and Platypezidae (Diptera) of Finland

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Academic editor: J. Kahanpää | Received 3 April 2014 | Accepted 11 June 2014 | Published 19 September 2014

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<http://zoobank.org/0FD1FB6E-6B9B-4F42-B8F3-0FDEEA15AE44>

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**Citation:** Ståhls G (2014) Checklist of the families Opetiidae and Platypezidae (Diptera) of Finland. In: Kahanpää J, Salmela J (Eds) Checklist of the Diptera of Finland. ZooKeys 441: 209–212. doi: 10.3897/zookeys.441.7639

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## Abstract

A checklist of the Opetiidae and Platypezidae (Diptera) recorded from Finland.

## Keywords

Checklist, Finland, Diptera, Opetiidae, Platypezidae

## Introduction

Opetiidae and Platypezidae are small families of small-sized flies. Platypezidae are principally forest insects, and all known larvae develop in fungi. New host fungi records were recently reported in Reemer et al. (2014), Ståhls et al. (submitted) and Ståhls and Rättel (2013).

The Finnish species were last listed by Hackman (1980) and Chandler (2001). Chandler (2001) included one and 21 species of Opetiidae and Platypezidae, respectively. Ståhls and Kahanpää (2006), Winqvist (2011), Ståhls et al. (2014), Reemer et al. (2014) and Ståhls and Rättel (2013) added altogether 12 species of family Platypezidae. *Bolopus furcatus* was included in Hackman (1980) but not in Chandler (2001), Ståhls et al. (2012) reported the taxon from Finland again. *Agathomyia* (subfamily Calomyiinae) is the largest genus of the Platypezidae. A recent study reinstated two *Agathomyia* species from synonymy (*A. boreella* Zetterstedt and *A. scutellaris* Zetterstedt) and two species were described as new to science (Ståhls et al. submitted). The taxonomic

status of *A. dahlbomi* (Zetterstedt), presently listed as synonym of *A. elegantula* (Zetterstedt), remains unclear. *Callomyia elegans* and *Protoclythia modesta* are only known from previous single records, their occurrence has not been verified with new findings.

Chandler and Shatalkin (1998) and Chandler (2001) provided keys to subfamilies, genera and species of adult Palaearctic Platypezidae, and key to genera of known early stages of Platypezidae. Ståhls et al. (submitted) provided a key to Northern European *Agathomyia* spp.

### Number of species (Opetiidae, Platypezidae):

World: 102, 252 species (Pape et al. 2011)

Europe: 1, 46 species

Finland: 1, 38 species

Faunistic knowledge level in Finland: average

### Checklist

suborder Brachycera Macquart, 1834

clade Eremoneura Lameere, 1906

clade Cyclorrhapha Brauer, 1863

infraorder Aschiza Becher, 1882

superfamily Phoroidea Curtis, 1833

**OPETIIDAE** Rondani, 1856

**OPETIA** Meigen, 1830

*Opetia nigra* Meigen, 1830

**PLATYPEZIDAE** Fallén, 1815

**CALLOMYIINAE** Rondani, 1841

**AGATHOMYIA** Verrall, 1901

*Agathomyia alneti* Ståhls & Rättel, in prep.

*Agathomyia antennata* (Zetterstedt, 1819)

*Agathomyia boreella* (Zetterstedt, 1838)

*Agathomyia cinerea* (Zetterstedt, 1852)

*Agathomyia elegantula* (Fallén, 1815)

= *dahlbomi* (Zetterstedt, 1838)

*Agathomyia falleni* (Zetterstedt, 1819)

*Agathomyia lundbecki* Chandler in Shatalkin, 1985

*Agathomyia sexmaculata* (von Roser, 1840)

*Agathomyia scutellaris* (Zetterstedt, 1838)

*Agathomyia shatalkini* Ståhls, in prep.

*Agathomyia unicolor* Oldenberg, 1928

*Agathomyia vernalis* Shatalkin, 1981

- Agathomyia viduella* (Zetterstedt, 1838)  
*Agathomyia wankowiczii* (Schnabl, 1884)  
*Agathomyia woodella* Chandler in Shatalkin, 1985  
     = *elegantula* auct. nec (Fallén, 1815)  
*Agathomyia zetterstedti* (Wahlberg in Zetterstedt, 1844)  
**CALLOMYIA** Meigen, 1804  
*Callomyia amoena* Meigen, 1824  
*Callomyia elegans* Meigen, 1804  
     = *leptiformis* (Fallén, 1810)  
*Callomyia krivosheinae* Shatalkin, 1982  
*Callomyia speciosa* Meigen, 1824  
     = *humeralis* Loew, 1869  
MICROSANIINAE Enderlein, 1936  
**MICROSANIA** Zetterstedt, 1837  
*Microsania capnophila* Shatalkin, 1985  
*Microsania collarti* Chandler, 2001  
*Microsania pallipes* (Meigen, 1830)  
*Microsania pectipennis* (Meigen, 1830)  
     = *pectinipennis* emend.  
*Microsania straeleni* Collart, 1954  
*Microsania vrydaghi* Collart, 1954  
PLATYPEZINAE Fallén, 1815  
**BOLOPUS** Enderlein, 1932  
*Bolopus furcatus* (Fallén, 1826)  
**PARAPLATYPEZA** Kessel & Maggioncalda, 1968  
*Paraplatypeza atra* (Meigen, 1804)  
*Paraplatypeza bicincta* (Szilády, 1941)  
**PLATYPEZA** Meigen, 1803  
*Platypeza aterrima* Walker, 1836  
*Platypeza consobrina* Zetterstedt, 1844  
*Platypeza fasciata* Meigen, 1804  
*Platypeza hirticeps* Verrall, 1901  
**PLATYPEZINA** Wahlgren, 1910  
*Platypezina connexa* (Bohemann, 1858)  
**POLYPORIVORA** Kessel & Maggioncalda, 1968  
*Polyporivora boletina* (Fallén, 1815)  
*Polyporivora ornata* (Meigen, 1838)  
     = *infumata* (Haliday, 1838)  
*Polyporivora picta* (Meigen, 1830)  
**PROTOCLYTHIA** Kessel, 1950  
*Protoclythia modesta* (Zetterstedt, 1844)  
**SERI** Kessel & Maggioncalda, 1966  
*Seri obscuripennis* (Oldenberg, 1916)

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